

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date:	18.02.13	Job No.:	RD17-799-04	ADR Yes/No:	N	ADR Date:		ECN #:	18- 549
Product No.:	D139-799-039	Created By:	WK	Approved By:					
Product Name:	OIL DRAIN KIT	Checked By:	DS						

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	JLM	
Production Planning Man. / Prod. Planner	Y	LL /MLJ	
Supply Chain Director / Purchasing	Y	RA / CL	
Production Engineering Coord.	Y	DD / JFS	
NCR / PAR / CAR / CIR / URF Coordinator	Y	SAD	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	MD / ED	
QC Coordinator	Y	PD	
Customer Support	Y	SW/LM/JR	
Customer Technical Support	Y	MB / EL	
Marketing	Y	WR	
Prod. Man. Solution Provider	Y	SL / RB	

Reason for Change:

Design Improvement to D139-799-039 now FAA approved

Documents Affected:

MDL-D139-799 Rev S, IIN-D139-799 Rev O, ICA-D139-799 Rev 14

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: 17-613

PAPERWORK UPDATE ☒

PARTS MUST COMPLY ☒

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	Y	WK	MDL-D139-799 Rev S	<u>18.02.14</u>
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	KJ		<u>18.02.14</u>
12	Update Product Specification Files (Bluefiles)	Y	KJ		<u>18.02.14</u>
13	Update Approved/Preliminary Dwg PDF Files	N	WK		
14	Update Product Development Summary (STC applications)	N	WK		
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		<u>18.02.14</u>
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	Y	KJ	D139-799-039 now at CHG 003	<u>18.02.14</u>
19	Create / Update Packaging Process Plan (PPP)	Y	KJ		<u>18.02.14</u>
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	KJ		<u>18.02.14</u>
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

Project has received FAA approval

Update BOM/routing per Parts List in IIN-D139-799 Rev O

Put 5 x D139-799-039 kits in stock

Drawings previously released per ECN17-613

There is at least 2 x outstanding orders for the D139-799-039 kits

ECN Verified & Complete: _____

Date: _____

Linda Lacelle

From: Patrick Duval
Sent: Wednesday, March 7, 2018 5:05 PM
To: Linda Lacelle
Subject: RE: Sent from Snipping Tool

Sorry I miss you... but we can re work the hose from kit 163197 CHG002. Rework will consist of removing and scrap D5527-3 and replace with D5527-3 at Rev. B. As for that one from kit 151823 CHG001, D5521-041 will be scrap. Hope this helps.

Pat. D

From: Linda Lacelle
Sent: Wednesday, March 07, 2018 3:03 PM
To: Patrick Duval <pduval@dartaero.com>
Subject: Sent from Snipping Tool

Hi Pat,
Can these be reworked ?

Inventory by Type

Part No: <input type="text" value="D5521-041"/>	Warehouse: <input type="text"/>	Shipper: <input type="text"/>
Part Type: <input type="text"/>	Location: <input type="text"/>	Order No: <input type="text"/>
Container No: <input type="text"/>	Operation: <input type="text"/>	Customer: <input type="text"/>
Master Unit: <input type="text"/>	Container Status: <input type="text"/>	Inventory Type: <input type="text" value="Shippable"/>
Job No: <input type="text"/>	Include In MRP: <input checked="" type="checkbox"/>	Group By: <input type="text" value="Part"/>
Exclude Subcon. Shipped/Picked: <input type="checkbox"/>		

No	Operation	Serial No / Ship Unit	Containers	Job	Change Number	Quantity	Weight	Location	Container Type	Status	Container Note	Customer	Order
Part No: D5521-041 Revision: Oil Drain Hose Assembly													
140	QC21-SA	<u>S046896</u>	1			8	0	QRTN		Stock			
Operation Total			1			8	0						
Part Total			1			8	0						
Totals			1			8	0						



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

ORDER ACKNOWLEDGEMENT

CUSTOMER					ORDER				
Customer Code: CFAAS01 Sold To: FAASA Aviacion CTRA. FUENTE PALMERA, KM 4.5 14.700 PALMA DEL RIO Spain Phone: +34 957 710 460 Fax: +34 957 710 687 Ship To: FAASA Aviacion CTRA. FUENTE PALMERA, KM 4.5 14.700 PALMA DEL RIO Spain Phone: 011 34 957 710 460 Fax: 011 34 957 710 687					Order No : 4088 Date: 3/6/18 Ship-To Contact: Antonio Rivero González Email: arivero@faasa.com Cust PO No: PUR001002 FOB: Shipping Point Ship Via: TBA - to be advised Freight Terms: PrePaid Terms: Net 30 INCO Terms: Ex Works Order Taker: Lewis Brooks Order Taker Phone: Order Taker Email: lbrooks@dartaero.com				

Line No	Due Date	Ship Date	Part	Description/Note	Quantity	Unit	Price	Unit	Extended Price
1	4/18/18	4/18/18	649.4701	AW119 Cable Cutter System Lead time 6 weeks	3	pcs	\$22,510.00USD	pcs	\$67,530.00 USD
				12% Discount Diamond			-12.00		\$-8,103.60
Sub Total									\$59,426.40 USD
Grand Total									\$59,426.40 USD

ORDER NOTES

N514RE 14701 N203JP 14535 N628PL 14713

Custom Clearance To Be Billed To Receiver

Duties & Taxes To Be Billed To Receiver

Ship Order As Soon As Possible

Ship Order Complete

Use Discounted Price On Shipping Documents

Waiting On Freight

Handwritten signature: DART

Remit to: DART Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario K6A 1K7 Canada

Tel: 613 632 5200

Fax: 613 632 5246

accounting@dartaero.com

GST/HST 10127 2607

Note: A minimum 15% restocking fee is applicable. Custom items are non-refundable. Full warranty details are available at www.dartaerospace.com

Latest Revision Provided Unless Otherwise Requested

Plex 3/7/18 7:20 AM dart.lysiak.kinga

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment <input type="checkbox"/>	Design <input type="checkbox"/>	Doc/Data <input type="checkbox"/>	Equip/Tooling <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>
Handling/Pre <input type="checkbox"/>	Material <input type="checkbox"/>	Internal Transport <input type="checkbox"/>	Tribal Knowledge <input type="checkbox"/>	Bending <input type="checkbox"/>	Set-up <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>
LOA <input type="checkbox"/>	Substation <input type="checkbox"/>	Past Expiry Date <input type="checkbox"/>	Misidentified <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>
				Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Weld <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>
				Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>
				Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Part Moved <input type="checkbox"/>
				Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Off-set <input type="checkbox"/>	Drawing <input type="checkbox"/>
				Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Finish <input type="checkbox"/>
				Wave/Twist in Tube <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misread <input type="checkbox"/>
				Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>
				OTHER : <input type="checkbox"/>			